

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122185.D
 Acq On : 30 Oct 2020 17:42
 Operator : JU/CG
 Sample : L4532-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB1-TREATED-EFFLU

Quant Time: Oct 30 18:09:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

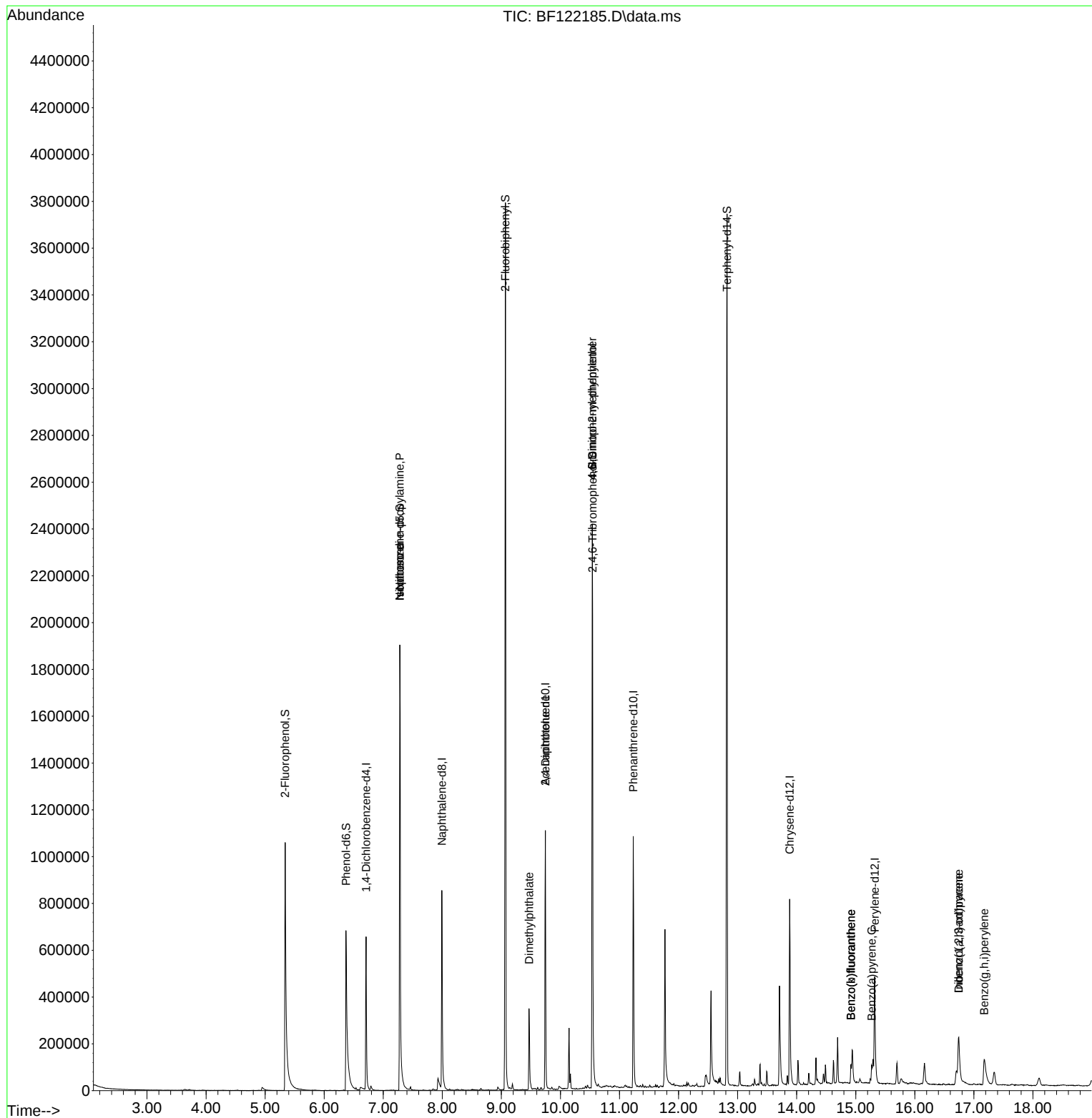
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	104215	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	416856	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	215048	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	400376	20.00	ng	0.00
76) Chrysene-d12	13.880	240	292620	20.00	ng	0.00
86) Perylene-d12	15.321	264	243465	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	482176	68.29	ng	0.00
7) Phenol-d6	6.369	99	396696	43.64	ng	0.00
23) Nitrobenzene-d5	7.281	82	728406	89.61	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	349193	131.27	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1205125	82.45	ng	0.00
79) Terphenyl-d14	12.821	244	1203295	78.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1027	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.281	70	99772	19.28	ng	# 81
25) Isophorone	7.281	82	728406	47.39	ng	# 67
50) Dimethylphthalate	9.469	163	140829	8.96	ng	99
57) 2,4-Dinitrotoluene	9.745	165	26951	6.35	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	649	4.65	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	20440	4.42	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.745	276	123247	7.80	ng	98
88) Benzo(b)fluoranthene	14.921	252	36871	2.24	ng	99
89) Benzo(k)fluoranthene	14.921	252	36871	2.36	ng	98
90) Benzo(a)pyrene	15.268	252	40195	2.83	ng	97
91) Dibenzo(a,h)anthracene	16.745	278	91859	7.06	ng	98
92) Benzo(g,h,i)perylene	17.174	276	121903	9.36	ng	97

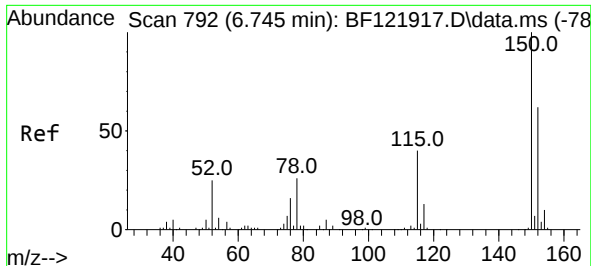
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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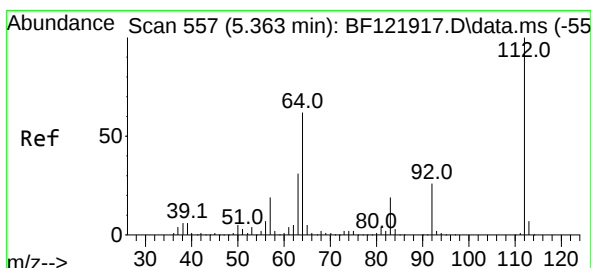
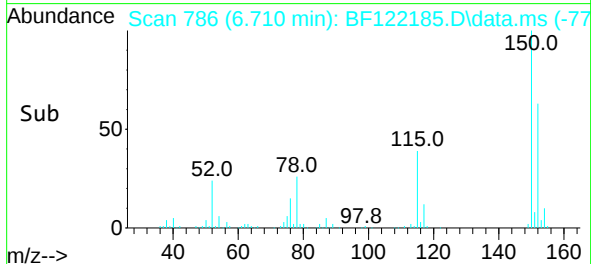
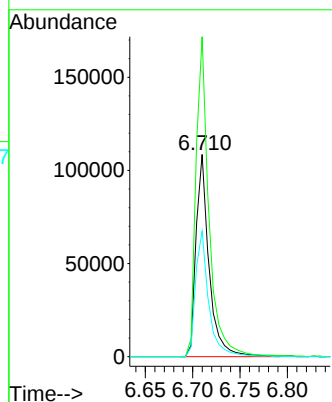
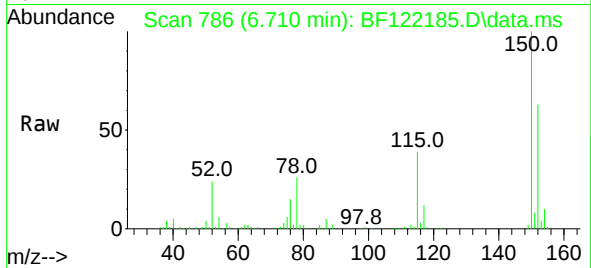




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122185.D
 Acq: 30 Oct 2020 17:42

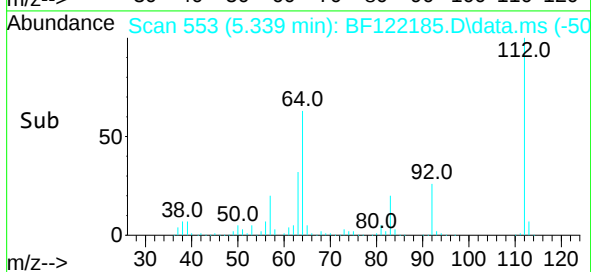
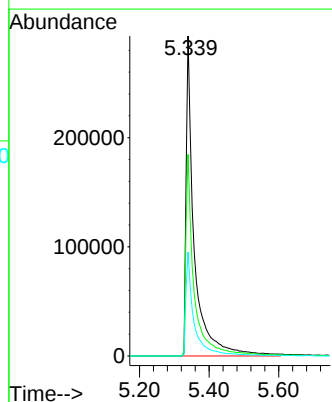
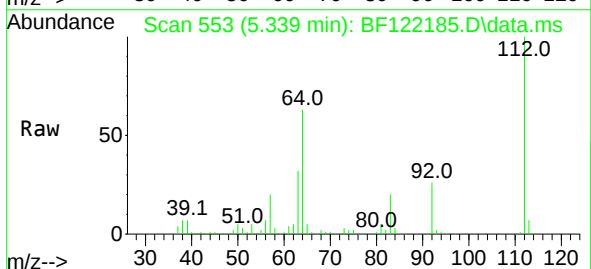
Instrument :
 BNA_F
 ClientSampleId :
 IB1-TREATED-EFFLU

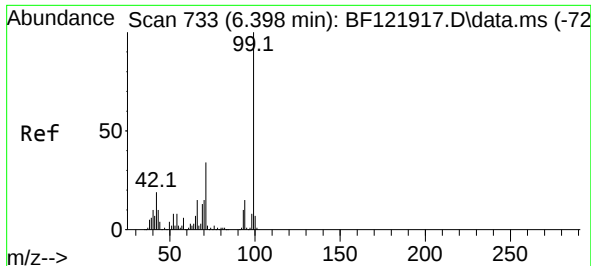
Tgt Ion:152 Resp: 104215
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 62.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 68.29 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122185.D
 Acq: 30 Oct 2020 17:42

Tgt Ion:112 Resp: 482176
 Ion Ratio Lower Upper
 112 100
 64 63.0 50.4 75.6
 63 32.4 25.8 38.6

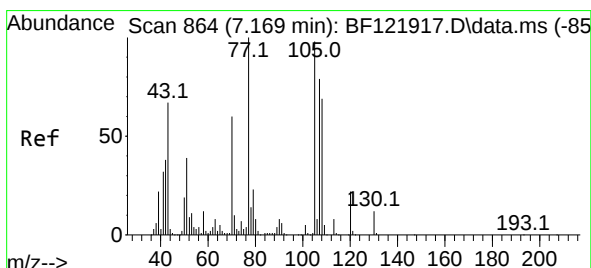
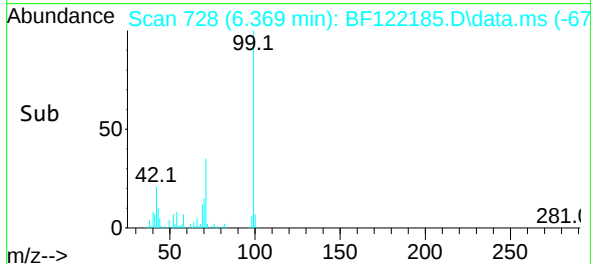
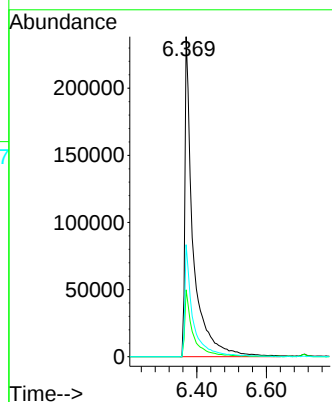
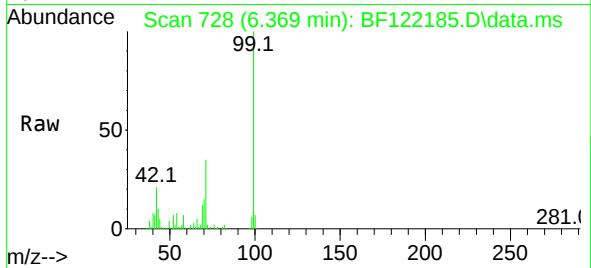




#7
Phenol-d6
Concen: 43.64 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

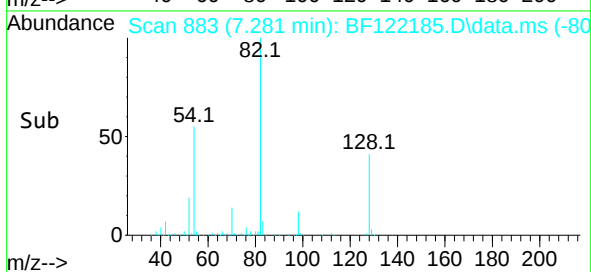
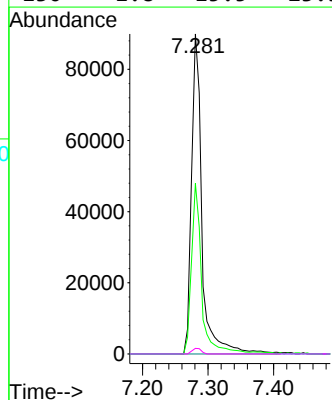
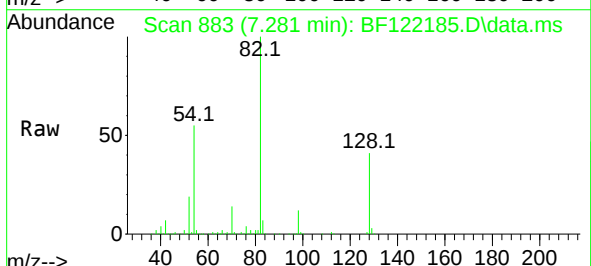
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

Tgt Ion: 99 Resp: 396696
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 35.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion: 70 Resp: 99772
Ion Ratio Lower Upper
70 100
42 53.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



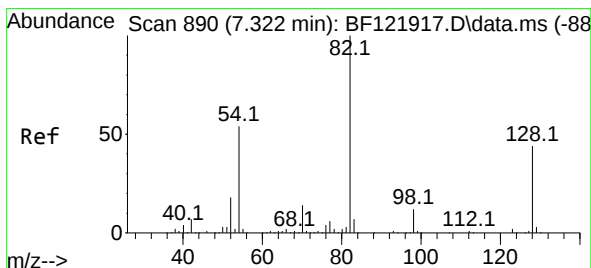
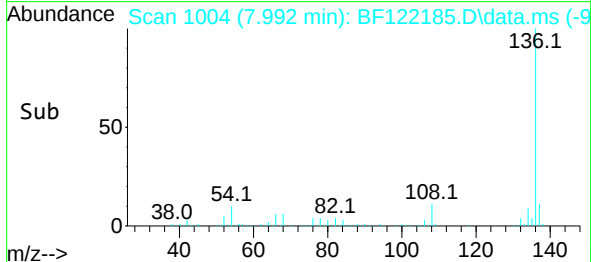
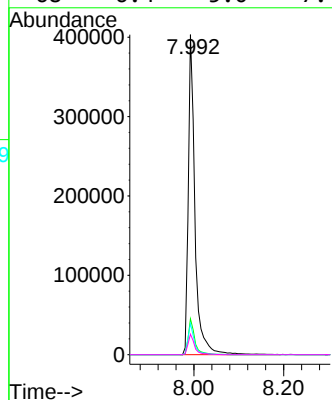
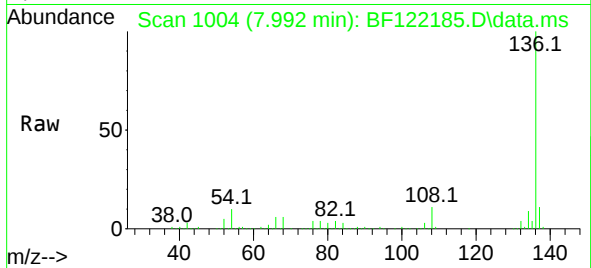


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

Tgt Ion:136 Resp: 416856

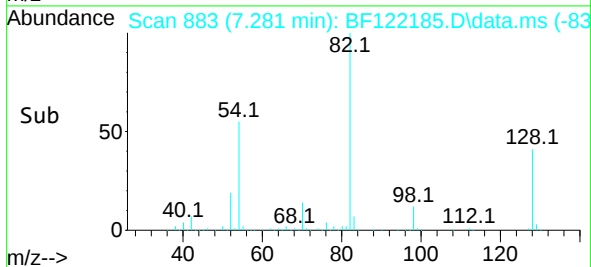
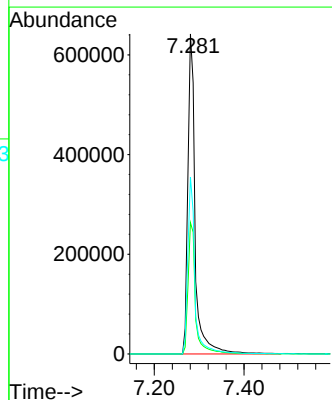
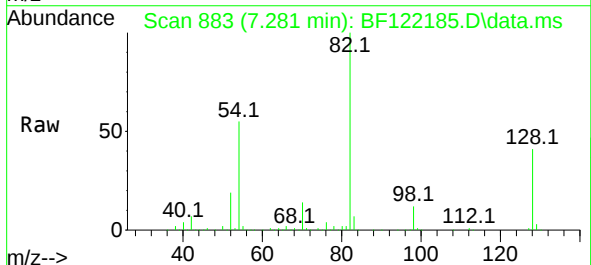
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.7	7.1	10.7
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.61 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion: 82 Resp: 728406

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	55.3	43.9	65.9

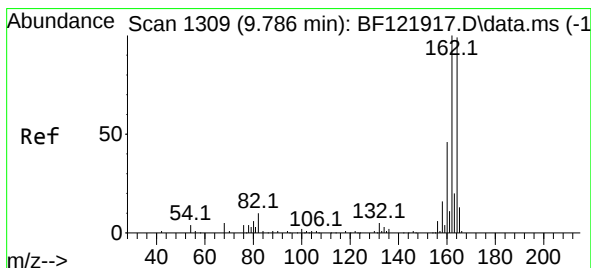
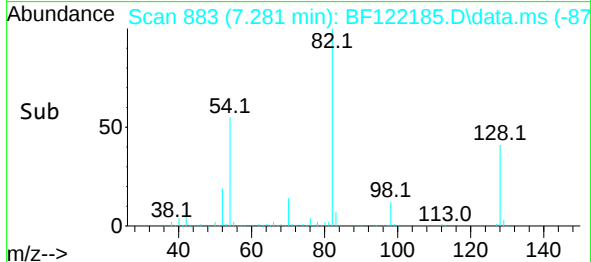
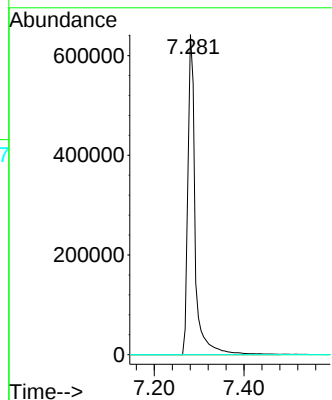
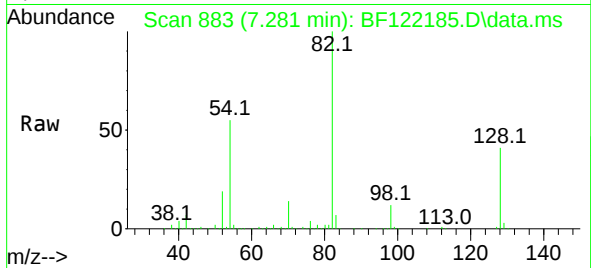




#25
Isophorone
Concen: 47.39 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

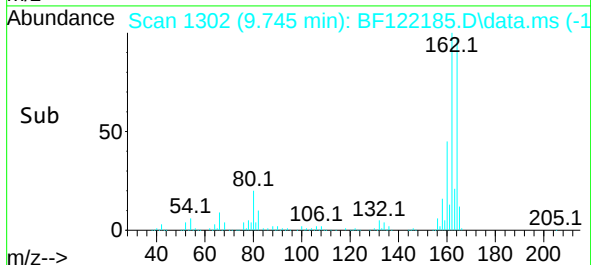
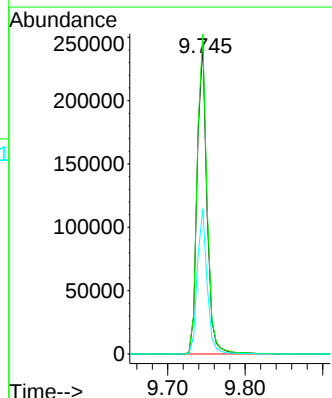
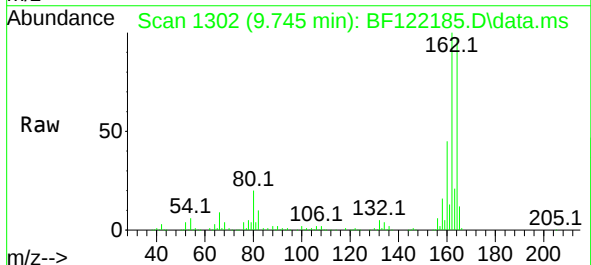
Instrument :
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ClientSampleId :
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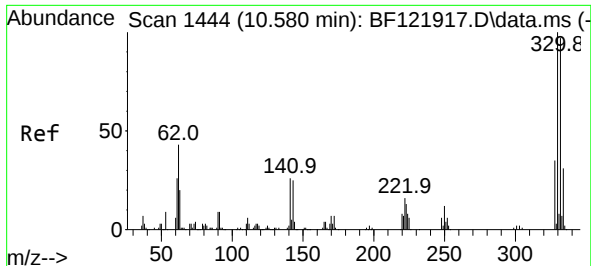
Tgt Ion: 82 Resp: 728406
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:164 Resp: 215048
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.8 37.5 56.3

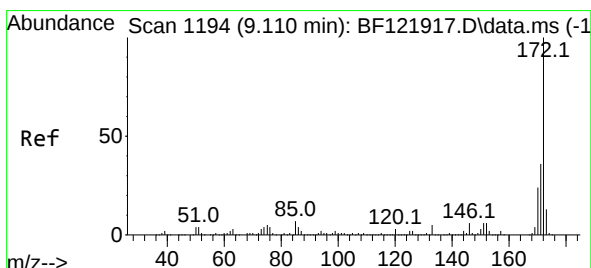
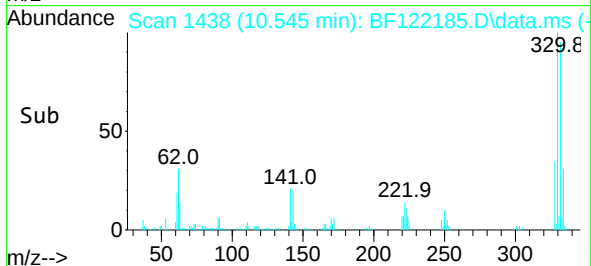
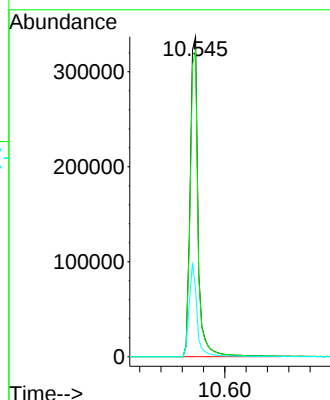
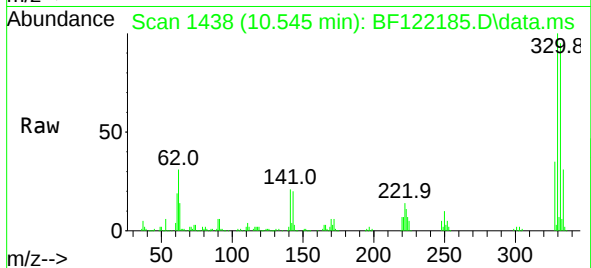




#42
2,4,6-Tribromophenol
Concen: 131.27 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

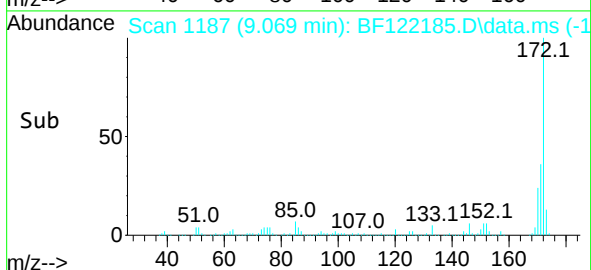
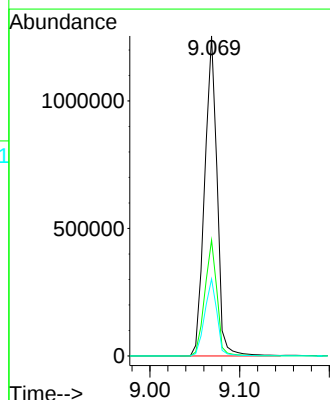
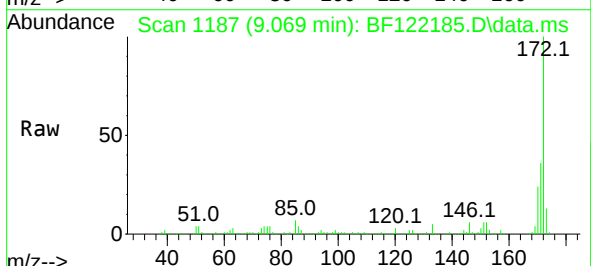
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ClientSampleId :
IB1-TREATED-EFFLU

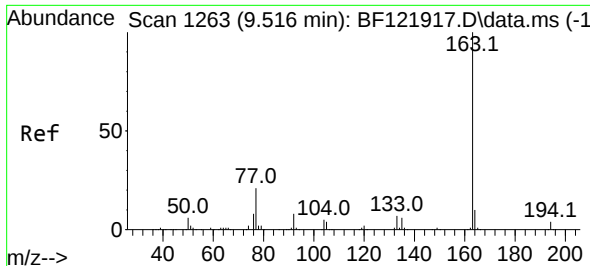
Tgt Ion:330 Resp: 349193
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 82.45 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:172 Resp: 1205125
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

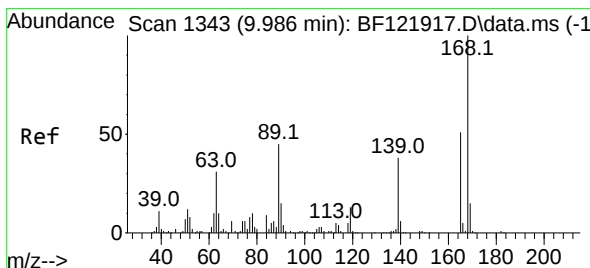
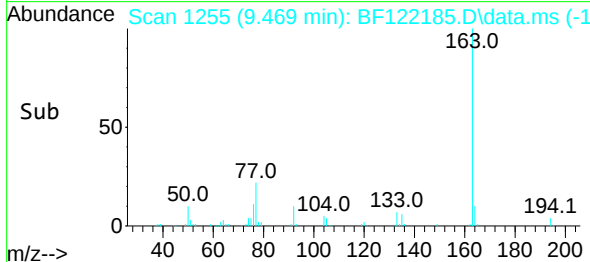
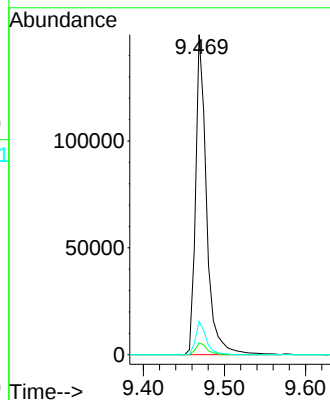
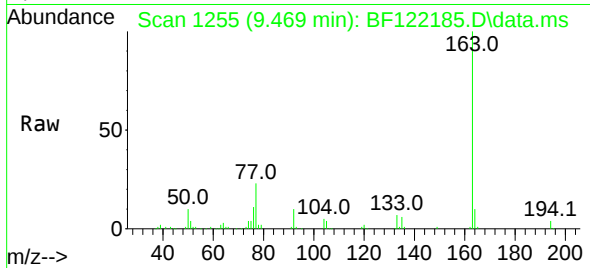




#50
Dimethylphthalate
Concen: 8.96 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

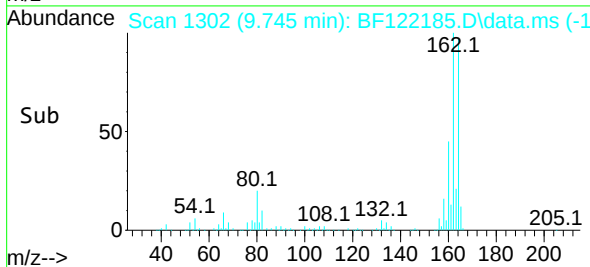
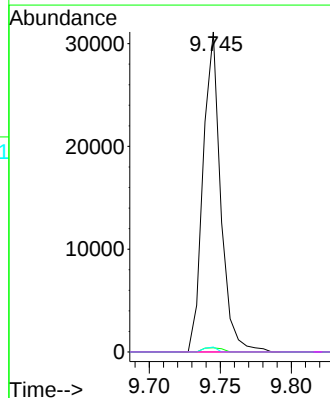
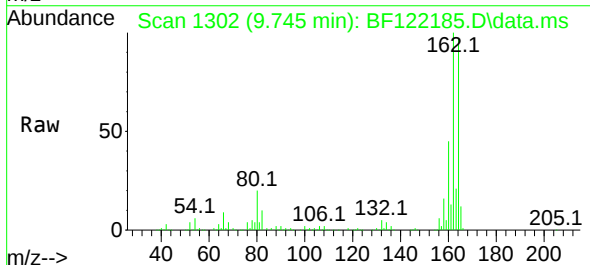
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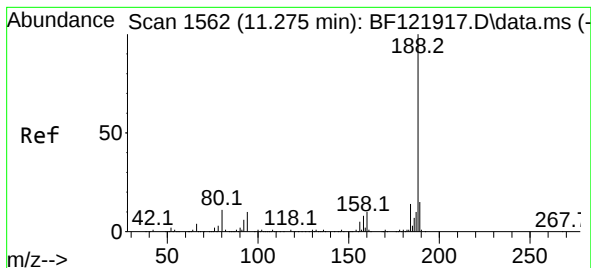
Tgt Ion:163 Resp: 140829
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:165 Resp: 26951
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

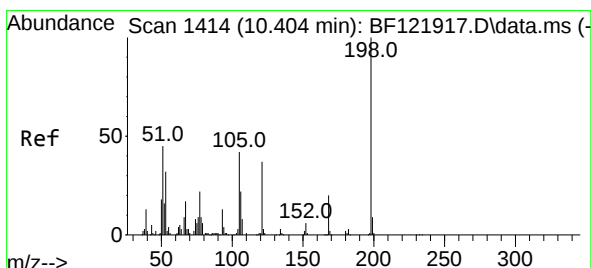
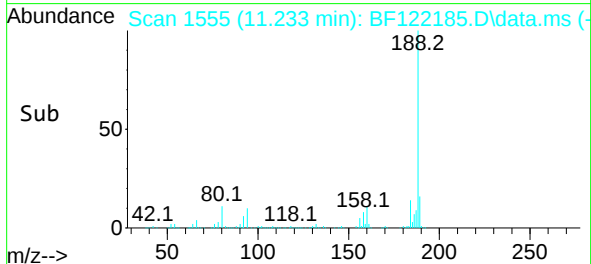
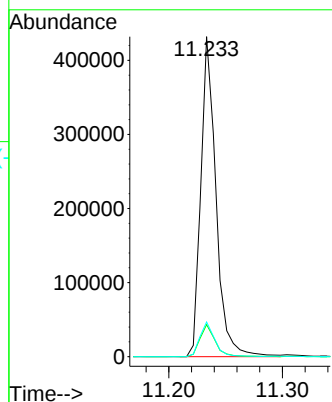
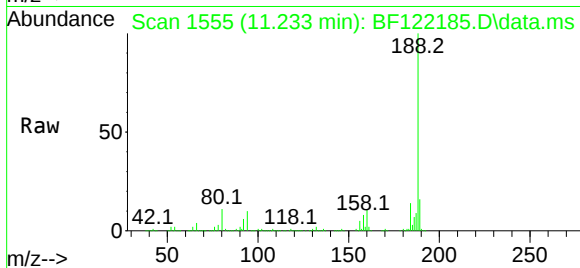




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

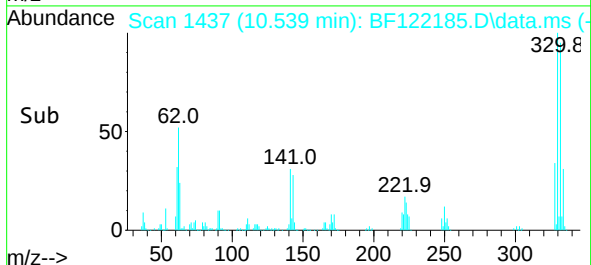
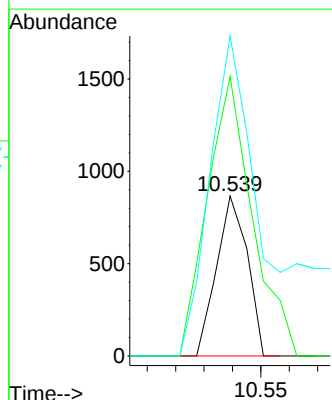
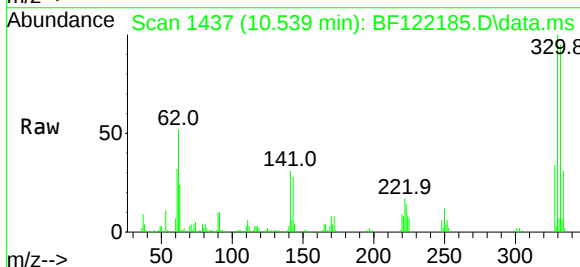
Instrument :
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IB1-TREATED-EFFLU

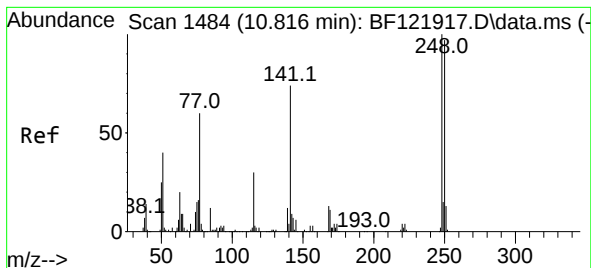
Tgt Ion:188 Resp: 400376
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.65 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 174.8 29.6 69.6#
105 200.1 24.4 64.4#

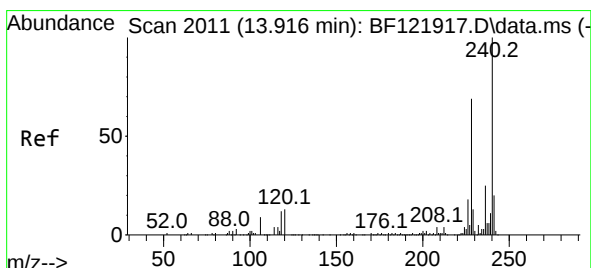
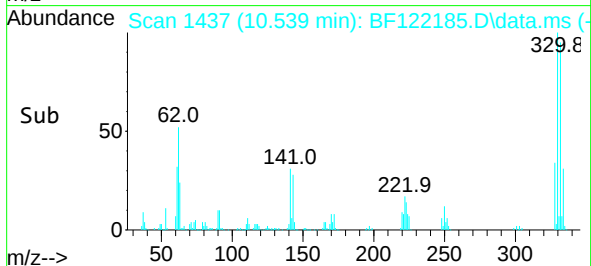
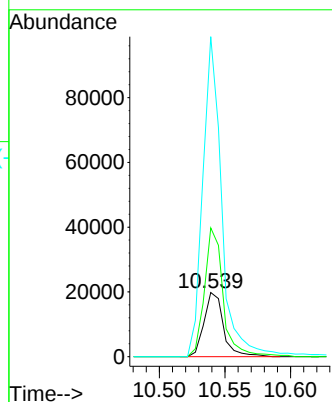
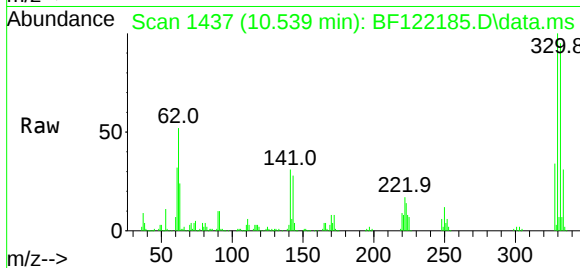




#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

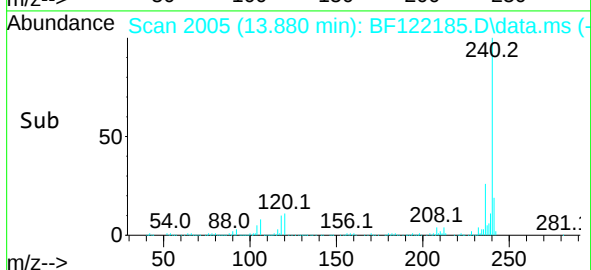
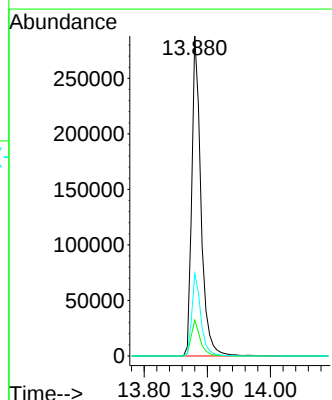
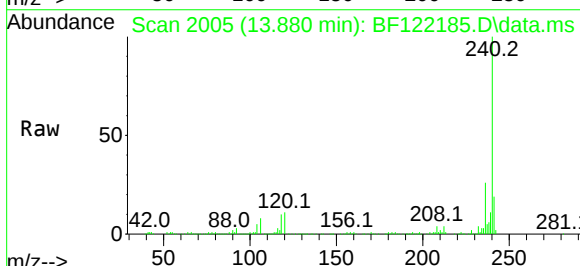
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

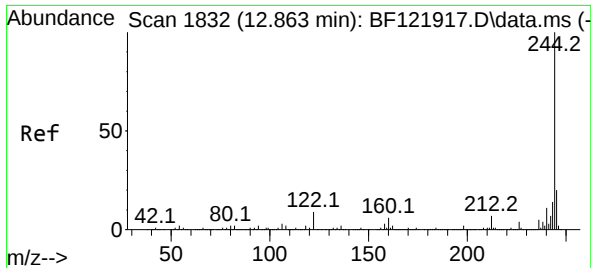
Tgt Ion:248 Resp: 20440
Ion Ratio Lower Upper
248 100
250 201.0 77.0 115.6#
141 499.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:240 Resp: 292620
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.9 31.3

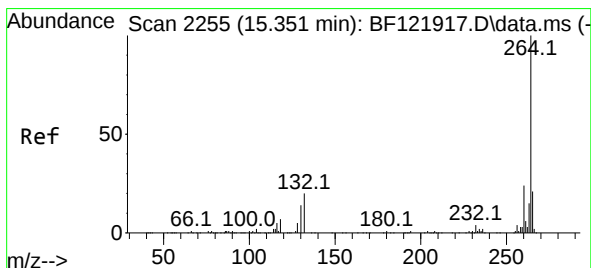
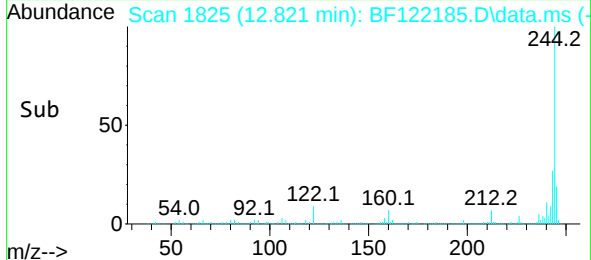
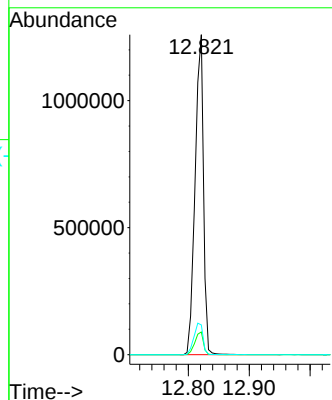
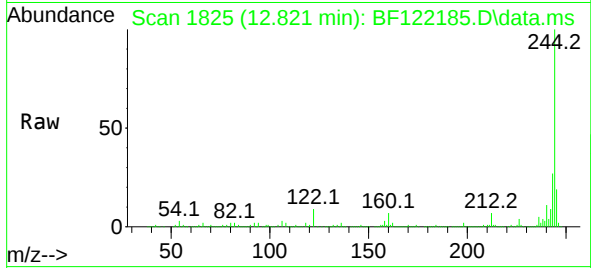




#79
 Terphenyl-d14
 Concen: 78.37 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122185.D
 Acq: 30 Oct 2020 17:42

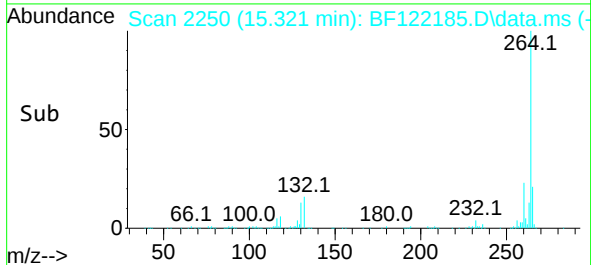
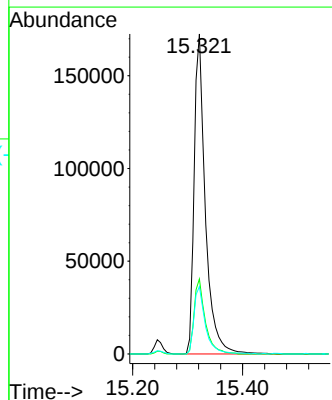
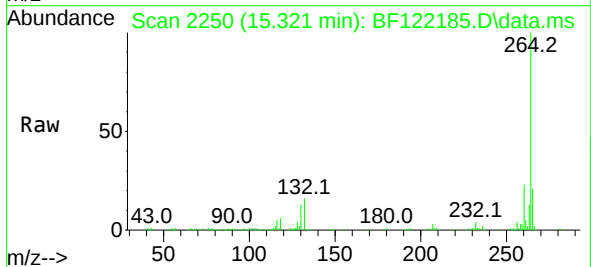
Instrument :
 BNA_F
 ClientSampleId :
 IB1-TREATED-EFFLU

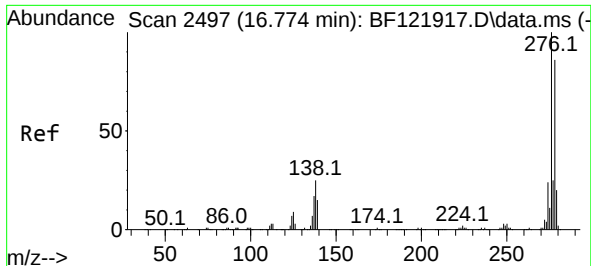
Tgt Ion:244 Resp: 1203295
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.017 min
 Lab File: BF122185.D
 Acq: 30 Oct 2020 17:42

Tgt Ion:264 Resp: 243465
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.1 17.3 25.9

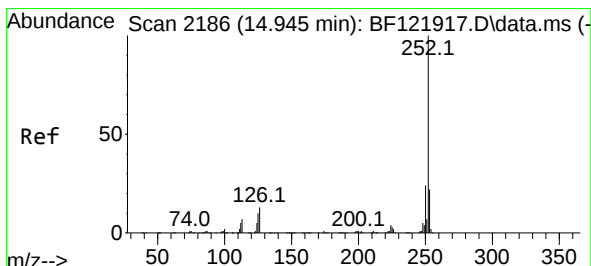
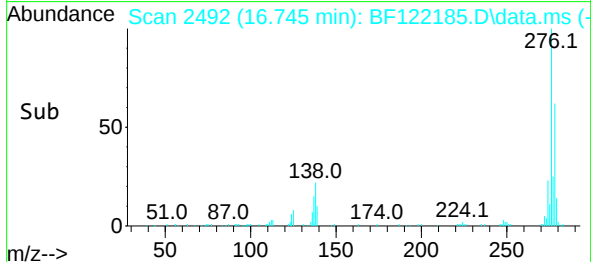
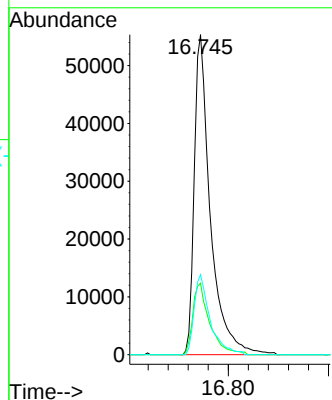
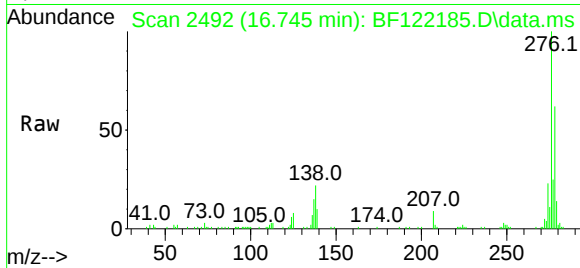




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.80 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

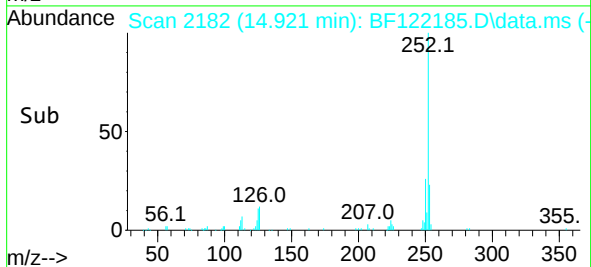
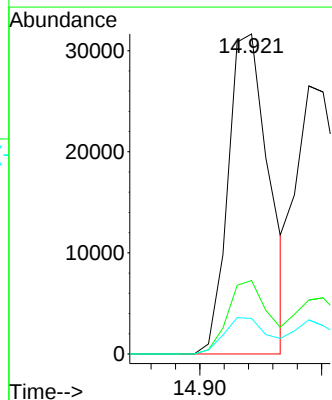
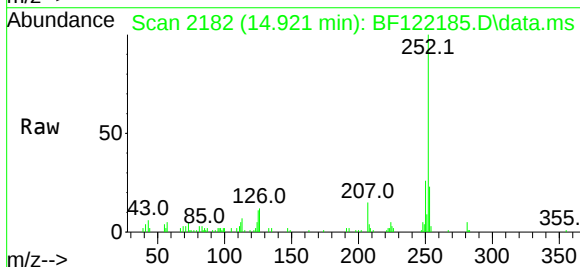
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

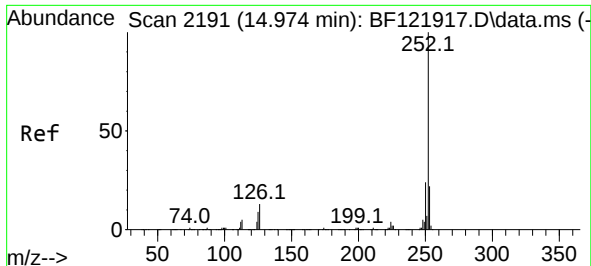
Tgt Ion:276 Resp: 123247
Ion Ratio Lower Upper
276 100
138 23.4 19.9 29.9
277 24.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 2.24 ng
RT: 14.921 min Scan# 2182
Delta R.T. 0.023 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:252 Resp: 36871
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.1 8.0 12.0

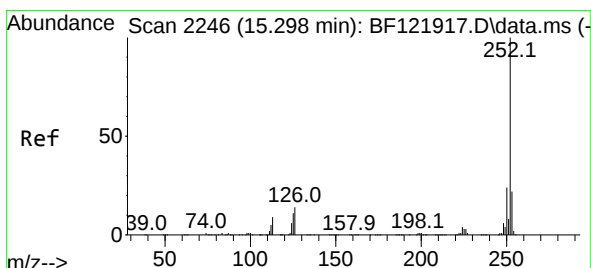
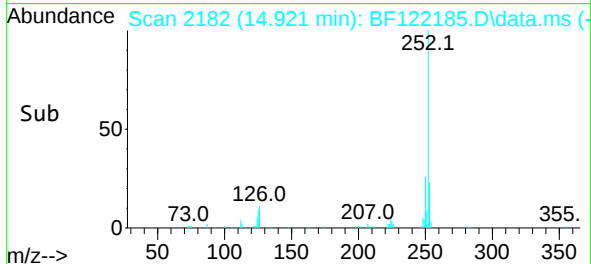
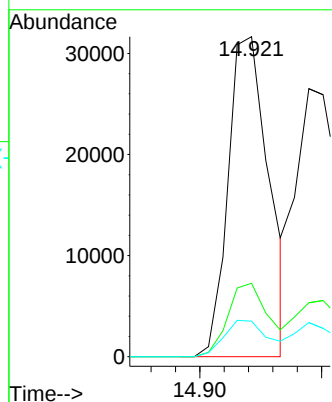
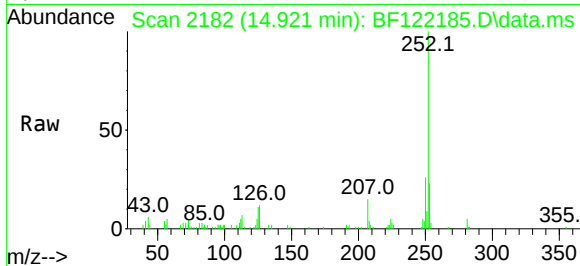




#89
Benzo(k)fluoranthene
Concen: 2.36 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

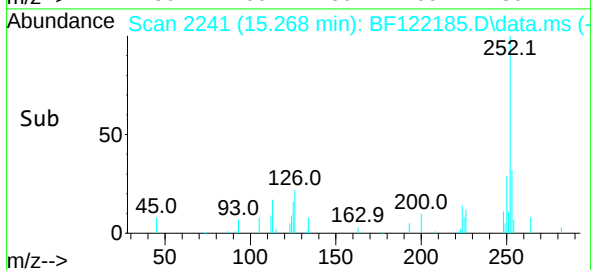
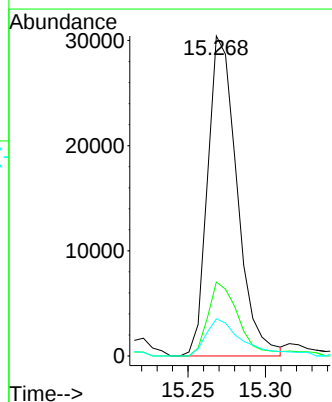
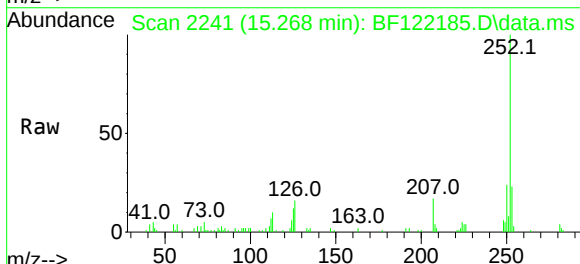
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

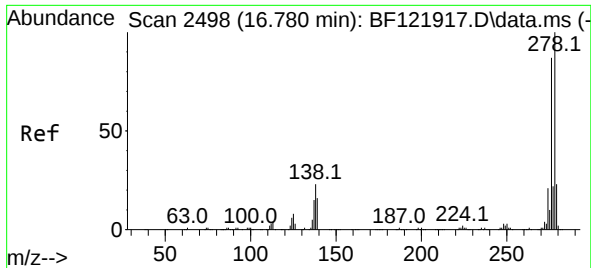
Tgt Ion:252 Resp: 36871
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 2.83 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.017 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:252 Resp: 40195
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.6 8.6 13.0

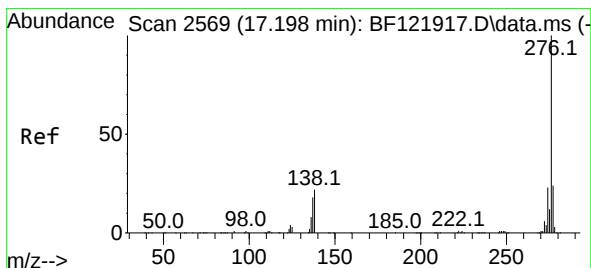
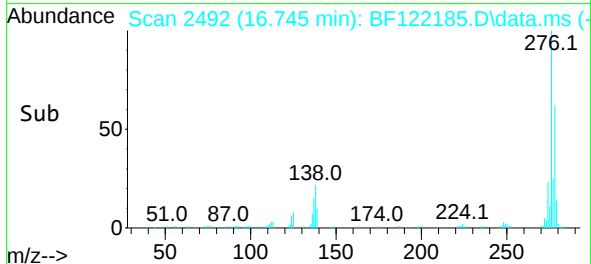
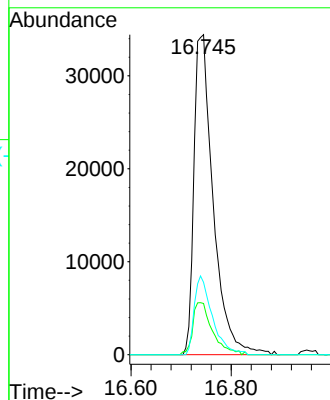
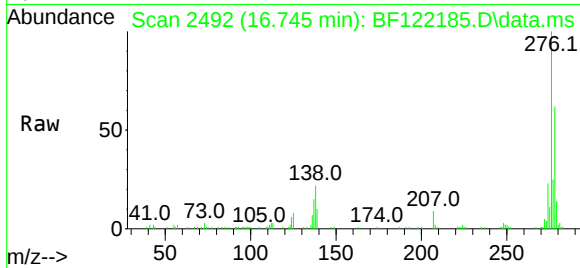




#91
Dibenzo(a,h)anthracene
Concen: 7.06 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

Tgt Ion:278 Resp: 91859
Ion Ratio Lower Upper
278 100
139 16.0 13.0 19.4
279 22.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 9.36 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122185.D
Acq: 30 Oct 2020 17:42

Tgt Ion:276 Resp: 121903
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 19.4 17.8 26.6

